CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID : **CP-RW-2017-03-22-03** **Date: 24-03-17**

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Drilling of Borewells and providing pipe line to existing Borewell at Maruthinagara and Surrounding area Ward No.1

Agency : Technical Manager (West), KRIDL, BBMP, Banglore.

Customer Reference : BBMP/EE(YNK.D)/W.O/119/2016-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-03-17

Sample ID No : 2017-03-13-03-01

Type of Mix : WMM (Wet Mix Macadam)

Date of test : 22-03-17

Oven Dry Weight : 11585 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0	100	100
45	335	335	2.9	97.1	95-100
22.4	2259	2594	22.4	77.6	60-80
11.2	2171	4765	41.1	58.9	40-60
4.75	2258	7023	60.6	39.4	25-40
2.36	1602	8625	74.4	25.6	15-30
0.6	610	9235	79.7	20.3	8-22
0.075	2150	11385	98.3	1.7	0-5

Note:-

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid.

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Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
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TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	**CP-RW-2017-03-22-03**	**Date: 24-03-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Sub Division, BBMP, Bangalore.	
Project Name	:	Drilling of Borewells and providing pipeline to existing Borewell at Maruthinagara and Surrounding area Ward No.1	
Agency	:	Technical Manager (West), KRIDL, BBMP, Banglore.	
Customer Reference	:	BBMP/EE(YNK.D)/W.O/119/2016-17	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	22-03-17	
Sample ID No	:	2017-03-13-03-01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	22-03-17	

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	302.0	302.0
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	67.4	71.2
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	234.2	229.3
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	1.5
5	Aggregate impact value	(B/A)*100	22.3	23.6
6	Aggregate impact value (Mean of two tests)	Pecentage	22.9	

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DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-03-22-03**	**Date: 24-03-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Sub Division, BBMP, Bangalore.	
Project Name	:	Drilling of Borewells and providing pipeline to existing Borewell at Maruthinagara and Surrounding area Ward No.1	
Agency	:	Technical Manager (West), KRIDL, BBMP, Banglore.	
Customer Reference	:	BBMP/EE(YNK.D)/W.O/119/2016-17	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	22-03-17	
Sample ID No	:	2017-03-13-03-01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	22-03-17	

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	13.3%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	10.7%	
Combined Flakiness and Elongation Index for WMM	24.0%	

Note:-
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Prepared By:
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CIVIL Pro Sig..... Date..... BANGALORE

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